

```
CF [Subspace [ {}, {0 ...} ] ] := Subspace [ {}, {} ] ;
CF [Subspace [ vs_ , {} ] ] := Subspace [ Sort [ vs ] , {} ] ;
CF [Subspace [ vs_ , gens_ ] ] :=
Module [ { cvs = Sort [ vs ] },
  Subspace [ cvs ,
    DeleteCases [
      RowReduce [ Table [ Coefficient [ g , v ] ,
        { g , gens } , { v , cvs } ] ] . cvs , 0 ]
  ] ]
```